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Kim

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(54) **TECHNIQUE FOR DETECTING HEAD POSITION IN HARD DISK DRIVE**

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(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 493 days.

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(58) **Field of Search** 360/75, 77.01, 360/77.02, 77.05, 77.06, 77.08

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(57) ABSTRACT

A technique for detecting a current position of a head of a hard disk drive detects the position of the head by using an analog-to-digital conversion value of a single crossing point of one of first and second servo burst signals written up and down with respect to the center of a selected track and a third burst signal written symmetrically with respect to the center of the selected track.

6 Claims, 4 Drawing Sheets

